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The evaluation of large, complex **UML** analysis and design **models**

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B Berenbach - Proceedings of the 26th International Conference on ..., 2004 - portal.acm.org

... Some of the heuristics are programmatically verifiable, others require human cognition to **verify** ...

[9] RB France and JM Bruel, "A **UML** profile for ... Coupling Use Cases and Class **Models** as a Means for Validation and Verification of Requirements Specifications", Requirements ...

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[CITATION] Metrics and models in software quality engineering

[PDF] from ucalgary.ca

SH Kan - 2003 - Pearson Education India

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Coupling use cases and class **models** as a means for validation and **verification of requirements** specifications

[PDF] from psu.edu

G Kösters, HW Six... - **Requirements** Engineering, 2001 - Springer

... The granularity and semantics of our approach allow for a seamless, traceable transition of use cases to the class model and for the verification of the class model against the use case ... Keywords:

Activity graphs; Class **models**; Require- ments engineering; **UML**; Use cases ...

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In practice: **UML** software architecture and design description

CFJ Lange, MRV Chaudron... - Software, IEEE, 2006 - ieeexplore.ieee.org

... During development, tools can also **verify** that architecture, design, and implemen- tation conform to this ... The multiple views of **UML models** include information not available from source code ... This establishes a basis for architecture-level **metrics**. 10 Projects could use these early ...

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Automated analysis of natural language properties for **UML models**

[PDF] from psu.edu

S Konrad... - Satellite Events at the **MoDELS** 2005 Conference, 2006 - Springer

... that problems occurred during the analysis process that prohibited the successful verification of the property. ... B.: Lessons learned from **metrics**-based auto- mated analysis of industrial **UML models** (an experience ... 8. Lilius, J., Paltor, IP: vUML: A tool for **verifying UML models**. ...

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Supporting **requirements** verification using XSLT

A Durán, A Ruiz-Cortés... - **Requirements** ..., 2002 - ieeexplore.ieee.org

... where the xlink language and how it is used for the verification of **UML models** in XML ... as part of the third completeness condition, so XSLT can be used to **verify** if requirements ... For the verification of use cases, we have adopted a **metrics**-based approach taking the verification ...

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A **UML** model consistency verification approach based on meta-modeling formalization

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H Malgouyres... - Proceedings of the 2006 ACM symposium ..., 2006 - portal.acm.org

... must be analyzed by a unified checker, that is, a checker able to handle all the **UML** features and to **verify** all the ... Extending OCL for **verifying UML models** consistency. ... Verification of real time controllers against timing diagram specifications using constraint logic programming. ...

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[BOOK] Metrics for Process Models: Empirical Foundations of Verification, Error Prediction, and Guidelines for Correctness

J Mendling - 2008 - books.google.com

... 62 3.2 Reachability Graph Verification of Soundness language tDOM Tool command language Document Object Model **UML** Unified Modeling Language **UML** AD Unified ... Furthermore, this research area does not address J. Mendling: **Metrics for Process Models**, LNBP 6, pp. ...

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[PDF] Empirical evaluation and review of a metrics-based approach for use case verification

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... The manual verification of the requirements documents was performed by the first author of this article ... analysis of the empirical data has not only allowed us to **verify** that use ... DURÁN, A., RUIZ, A., BERNÁRDEZ, B. and TORO, M. (2002a): **Verifying** software requirements with ...

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Metrics for model driven requirements development

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... 2. The existing Caliber™ database was used as a checklist to **verify** that every requirement had been covered by one or more use cases. ... 14. References [1] B. Berenbach, "The Evaluation of Large, Complex, **UML** Analysis and Design **Models**, Twenty Sixth International ...

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